



IFW

PATENT  
Customer No. 22,852  
Attorney Docket No. 08500.7245-02000

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
SCHMIDT et al ) Group Art Unit: 1772  
)  
Application No.: 10/647,276 ) Examiner: not yet assigned  
)  
Filed: August 26, 2003 )  
)  
For: ENHANCED OXYGEN- ) Confirmation No.: 2646  
SCAVENGING POLYMERS, AND )  
PACKAGING MADE THEREFROM )  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**TRANSMITTAL LETTER**

Enclose is the following:

- 1) Information Disclosure Statement,
- 2) PTO Form SB/08, and
- 3) copies of the prior search reports and office actions in the priority U.S. applications and corresponding PCT and foreign applications.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: *Dec 15, 2004*

By: *Therese Hendricks*  
Therese Hendricks  
Reg. No. 30,389



PATENT  
Customer No. 22,852  
Attorney Docket No. 08500.7245-02000

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
SCHMIDT et al	)	Group Art Unit: 1772
Application No.: 10/647,276	)	Examiner: not yet assigned
Filed: August 26, 2003	)	
For: ENHANCED OXYGEN- SCAVENGING POLYMERS, AND PACKAGING MADE THEREFROM	)	Confirmation No.: 2646

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

The listed documents are of record in priority applications: USSN 10/268,933, filed October 11, 2002; USSN 09/745,010, filed December 20, 2000; USSN 09/241,598, filed February 2, 1999; USSN 09/236,498, filed January 26, 1999; USSN 09/169,439, filed October 9, 1998; and USSN 09/018,217, filed February 3, 1998; upon which applicant relies for the benefits provided in 35 U.S.C. § 120.

For the convenience of the Examiner, applicant encloses copies of the prior search reports and office actions in the priority U.S. applications and corresponding PCT and foreign applications.

Applicant understands that copies of the U.S. patents are not required. Applicant encloses copies of all non-U.S. patent and non-patent references.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

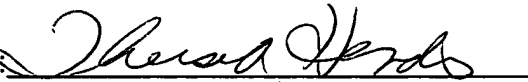
Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

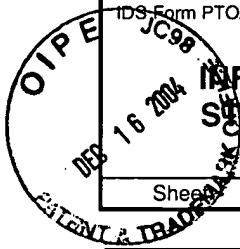
Dated:

*Dec 15, 2004*

By:



Therese Hendricks  
Reg. No. 30,389



IDS Form PTO/SB/08: Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

4

## Complete if Known

Application Number	10/647,276
Filing Date	August 26, 2003
First Named Inventor	Steven L. Schmidt
Art Unit	1772
Examiner Name	Not yet assigned
Attorney Docket Number	08500.7245-02-000

## U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-Re 29340	08/02/1977	Matsunami et al.	
		US-6,365,247	04/02/2002	Cahill et al.	
		US-6,239,210	05/29/2001	Kim et al.	
		US-5,866,649	02/02/1999	Hong et al.	
		US-5,820,956	10/15/1998	Hatakeyama et al.	
		US-5,776,361	07/07/1998	Katsumoto et al.	
		US-5,759,653	06/02/1998	Collette et al.	
		US-5,736,616	04/07/1998	Ching et al.	
		US-5,700,554	12/23/1997	Speer et al.	
		US-5,660,761	08/26/1997	Katsumoto et al.	
		US-5,641,825	06/24/1997	Bacskai et al.	
		US-5,639,815	06/17/1997	Cochran et al.	
		US-5,627,239	05/06/1997	Ching et al.	
		US-5,529,833	06/25/1996	Speer et al.	
		US-5,506,014	04/09/1996	Minnick	
		US-5,498,364	03/12/1996	Speer et al.	
		US-5,492,742	02/20/1996	Zenner et al.	
		US-5,364,555	11/15/1994	Zenner et al.	
		US-5,352,499	10/04/1994	Willard	
		US-5,350,622	09/27/1994	Speer et al.	
		US-5,346,644	09/13/1994	Speer et al.	
		US-5,314,987	05/24/1994	Kim et al.	
		US-5,310,497	05/10/1994	Ve Speer et al.	
		US-5,302,430	04/12/1994	Ardechir et al.	
		US-5,281,360	01/25/1994	Hong et al.	
		US-5,246,753	09/21/1993	Koyama et al.	
		US-5,239,016	08/24/1993	Cochran et al.	
		US-5,211,875	05/18/1993	Speer et al.	
		US-5,202,052	04/13/1993	Zenner et al.	
		US-5,194,478	03/16/1993	Frandsen et al.	
		US-5,159,005	10/27/1992	Frandsen et al.	
		US-5,077,111	12/31/1991	Collette	
		US-5,068,136	11/26/1991	Yoshida et al.	
		US-5,049,624	09/17/1991	Adams et al.	
		US-5,034,252	07/23/1991	Nilsson et al.	

**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

4

Application Number	10/647,276
Filing Date	August 26, 2003
First Named Inventor	Steven L. Schmidt
Art Unit	1772
Examiner Name	Not yet assigned
Attorney Docket Number	08500.7245-02-000

**U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

	US-5,028,462	07/02/1991	Matlack et al.	
	US-5,028,226	07/02/1991	De'ath et al.	
	US-5,021,515	06/04/1991	Cochran et al.	
	US-4,983,432	01/08/1991	Bissot	
	US-4,980,211	12/25/1990	Kushida et al.	
	US-4,957,980	09/18/1990	Kobayashi et al.	
	US-4,908,272	03/13/1990	Harada et al.	
	US-4,818,782	04/04/1989	Bissot	
	US-4,800,129	01/24/1989	Deak et al.	
	US-4,728,549	03/01/1988	Shimizu et al.	
	US-4,702,966	10/27/1987	Farrell et al.	
	US-4,567,227	09/28/1986	Kiss	
	US-4,535,901	08/20/1985	Okudaira et al.	
	US-4,501,781	02/26/1985	Kushida et al.	
	US-4,500,668	02/19/1985	Shimizu et al.	
	US-4,401,805	08/30/1983	Weemes et al.	
	US-4,398,642	08/16/1983	Okudaira et al.	
	US-4,392,804	07/12/1983	Pushes et al.	
	US-4,261,473	04/14/1981	Yamada et al.	
	US-4,237,034	12/02/1980	Tomka et al.	
	US-4,206,100	06/03/1980	Kyo et al.	
	US-4,198,792	04/22/1980	Christensen et al.	
	US-4,172,069	10/23/1979	Cordes et al.	
	US-4,104,466	08/01/1978	Tsuchida et al.	
	US-4,101,720	07/18/1978	Taylor et al.	
	US-4,048,361	09/13/1977	Valyi	
	US-4,038,228	07/26/1977	Taylor	
	US-4,018,746	04/19/1977	Brinkmann et al.	
	US-3,686,069	08/22/1972	Winkler et al.	
	US-3,586,514	06/22/1971	Vijlbrie	

**Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004**

## Complete if Known

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

3

of

4

Application Number	10/647,276
Filing Date	August 26, 2003
First Named Inventor	Steven L. Schmidt
Art Unit	1772
Examiner Name	Not yet assigned
Attorney Docket Number	08500.7245-02-000

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		AU 199934976 A1	12/23/1999			
		DE 26 43 204 A1	04/06/1978			
		DE 15 70 609 B2	03/05/1970			
		DE 1933 997	02/26/1970			
		DE 2341895	08/18/1973			
		EP 0527902 B1	02/24/1993			
		EP 0527903 B1	02/24/1993			
		EP 0520257 A2	12/30/1992			
		EP 0519616 A1	12/23/1992			
		EP 0507207 A2	10/07/1992			
		EP 0394751A2	10/31/1990			
		EP 0380319 A1	08/01/1990			
		EP 367835 A1	05/16/1990			
		EP 0301719 A1	02/01/1989			
		EP 0288972 B1	11/02/1988			
		EP 186154 A2	07/02/1986			
		EP 174265 A2	03/12/1986			
		EP 083826 A1	07/20/1983			
		EP 0212339 A2	03/04/1987			
		EP 033520 A1	10/04/1989			
		EP 0380319 A1	08/01/1990			
		EP 0451762 A2	10/16/1991			
		EP 0454437 A1	10/30/1991			
		FR 1.522.109	04/19/1968			
		GB 2 119 741 A	11/23/1983			
		GB 2 212 102 A	07/19/1989			
		JP 1272660 A	10/31/1989			
		JP 58-197050	11/16/1983			English abstract
		JP 58-160344	09/22/1983			yes
		JP 57-185349	11/15/1982			yes
		JP 48-20220	06/19/1973			
		JP 49-53945	09/27/1972			English abstract

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

4

of

4

**Complete if Known**

Application Number	10/647,276
Filing Date	August 26, 2003
First Named Inventor	Steven L. Schmidt
Art Unit	1772
Examiner Name	Not yet assigned
Attorney Docket Number	08500.7245-02-000

**FOREIGN PATENT DOCUMENTS**

	JP 53-125460	01/11/1978			
	JP 59-87132	05/19/1984			English abstract
	UDK 542.945+547.534+541.128	11/06/1984			yes
	UK 1,146,157	03/19/1969			
	UK 1,469,396	04/06/1977			
	WO 98/13266	04/02/1998			
	WO 96/18685	06/20/1996			
	WO 96/18686	06/20/1996			
	WO 94/09069	04/28/1994			
	WO 90/00504	01/25/1990			
	WO 90/00578	01/25/1990			

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		Kayumova et al., "Catalytic Properties of Polymers Containing Co(II) and Cu (II) In Liquid-Phase Oxidation of Ethyl Benzol, Kinetics And Catalysis, Vol. XXV, No. 6, 1984 (English translation enclosed)	
		M.L. Roney, "Active Packaging in Polymer Films," pp. 75-110	
		Chemical Abstract, Vol. 100, Page 60, Abstract no. 193165x, Published 1984.	
		Chemical Abstract, Vol. 107, No. 10, Page 14, Abstract no. 78465C, published 09/07/87.	
		Chemical Abstract, Vol. 118, No. 4, Page 42, Abstract no. 23225w, Published 01/25/93.	
		Chemical Abstract, Vol. 91, Page 38, Abstract no. 58055s, Published 1979	

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.